

# 1647



**CERTIFICATE OF  
MAILING**

Information Disclosure  
Statement submitted under 37  
C.F.R. 1.97(c)

<b>Application Number</b>	09/832,015
<b>Filing Date</b>	4/10/2001
<b>First Inventor</b>	Woolf, Nancy J.
<b>Examiner Name</b>	Christopher J. Nichols
<b>Art Unit</b>	1647
<b>Docket Number</b>	NJW-1 (126)

DATE OF DEPOSIT: 2/24/2004

TITLE OF CASE:

Process for Treating Disease

The following documents are enclosed:

Certificate of Mailing (1 page)

Statement of Date of IDS or Election to pay fee (1 page)

Fee Transmittal Form (2 pages, duplicate copies)

IDS ( 2 pages)

Copy of references cited (580 pages)

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FROM:

Howard J. Greenwald P.C.

349 W. Commercial Street, Suite 2490

East Rochester, NY 14445

Telephone (585) 387-0285

Fax (585) 387-0288

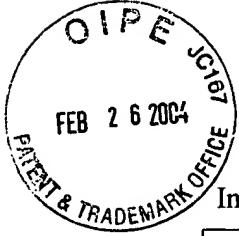
The Director is authorized to charge any additional fee(s) as needed during the pendency of this application to deposit account 50-2753.

Signature of Mailer: Peter Mikesell

Howard J. Greenwald, Reg. No. 24,247

John M. Hammond, Reg. No. 52,986

Peter J. Mikesell, Reg. No. 54,311



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

USSN 09/832,015	DOCKET NO. NJW-1 (126)
GROUP NO. 1647	CONFIRMATION NO. 9668
FILED 4/10/2001	EXAMINER Christopher J. Nichols
TITLE Process for Treating Disease	

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT BEFORE  
MAILING DATE OF EITHER A FINAL ACTION OR NOTICE OF ALLOWANCE  
(37 C.F.R. § 1.97(c))**

**IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION  
DISCLOSURE STATEMENT**

1. The information disclosure statement submitted herewith is being filed after three months of the filing date of this application or date of entry into the national stage as set forth in § 1.491 in an international application or after the mailing date of a first Office Action on the merits, whichever event occurs last, but before the mailing date of either:
  - (1) a final action under § 1.113 or
  - (2) a notice of allowance under § 1.311,whichever occurs first.

**STATEMENT OR FEE**

2. Accompanying this transmittal is
  - A.  a statement as specified in 37 C.F.R. § 1.97(e).

or
  - B.  the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under § 1.97(c).



PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180)

## Complete if Known

Application Number	09/832,015
Filing Date	4/10/2001
First Named Inventor	Woolf, Nancy J.
Examiner Name	Christopher J. Nichols
Art Unit	1647
Attorney Docket No.	NJW-1 (126)

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number	50-2753
Deposit Account Name	Howard J. Greenwald P.C.

The Director is authorized to: (check all that apply)

- 
- Charge fee(s) indicated below
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- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	Fee Paid
1001	770	2001	385			Utility filing fee	
1002	340	2002	170			Design filing fee	
1003	530	2003	265			Plant filing fee	
1004	770	2004	385			Reissue filing fee	
1005	160	2005	80			Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>							

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
	-20** =	X	=
Independent Claims	- 3** =	X	=
Multiple Dependent			

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	Fee Paid
1202	18	2202	9			Claims in excess of 20	
1201	86	2201	43			Independent claims in excess of 3	
1203	290	2203	145			Multiple dependent claim, if not paid	
1204	86	2204	43			** Reissue independent claims over original patent	
1205	18	2205	9			** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2) (\$ 0</b>							

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	Fee Paid
1051	130	2051	65			Surcharge - late filing fee or oath	
1052	50	2052	25			Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130			Non-English specification	
1812	2,520	1812	2,520			For filing a request for ex parte reexamination	
1804	920*	1804	920*			Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*			Requesting publication of SIR after Examiner action	
1251	110	2251	55			Extension for reply within first month	
1252	420	2252	210			Extension for reply within second month	
1253	950	2253	475			Extension for reply within third month	
1254	1,480	2254	740			Extension for reply within fourth month	
1255	2,010	2255	1,005			Extension for reply within fifth month	
1401	330	2401	165			Notice of Appeal	
1402	330	2402	165			Filing a brief in support of an appeal	
1403	290	2403	145			Request for oral hearing	
1451	1,510	1451	1,510			Petition to institute a public use proceeding	
1452	110	2452	55			Petition to revive - unavoidable	
1453	1,330	2453	665			Petition to revive - unintentional	
1501	1,330	2501	665			Utility issue fee (or reissue)	
1502	480	2502	240			Design issue fee	
1503	640	2503	320			Plant issue fee	
1460	130	1460	130			Petitions to the Commissioner	
1807	50	1807	50			Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180			Submission of Information Disclosure Stmt	180
8021	40	8021	40			Recording each patent assignment per property (times number of properties)	
1809	770	2809	385			Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385			For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385			Request for Continued Examination (RCE)	
1802	900	1802	900			Request for expedited examination of a design application	
Other fee (specify) _____							
*Reduced by Basic Filing Fee Paid							
<b>SUBTOTAL (3) (\$ 180</b>							

(Complete if applicable)

SUBMITTED BY			
Name (Print/Type)	Peter J. Mikesell	Registration No. (Attorney/Agent)	54,311
Signature		Telephone	585-387-0285

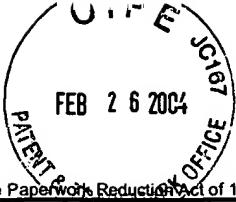
(Complete if applicable)

Date 02/24/2004

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PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031  
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Substitute for form 1449/PTO

**Complete if Known**
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
*(Use as many sheets as necessary)*

Sheet 1 of 2

Application Number	09/832,015
Filing Date	4/10/2001
First Named Inventor	Woolf, Nancy J.
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	NJW-1 (126)

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
1	US-	6,391,871	05-21-2002	Olney; John W.	
2	US-	6,037,352	03-14-2000	Lowe; Derek	
3	US-	5,877,173	03-02-1999	Olney; John W.	
4	US-	6,194,153	02-27-2001	St. George-Hyslop	
5	US-	6,184,013	02-06-2001	Landry	
6	US-	6,183,981	02-06-2001	Gonzalez-Lima	
7	US-	6,180,365	01-30-2001	Elshourbagy	
8	US-	6,146,827	11-14-2000	Levinson	
9	US-	6,083,523	07-04-2000	Dionne	
10	US-	6,042,579	03-28-2000	Elsberry	
11	US-	6,010,492	01-04-2000	Jacobsen	
12	US-	5,871,472	02-16-1999	Aebischer	
13	US-	5,316,754	05-31-1994	Vlassara	
	US-				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

2

of

2

<i>Complete if Known</i>	
<b>Application Number</b>	09/832,015
<b>Filing Date</b>	4/10/2001
<b>First Named Inventor</b>	Woolf, Nancy J.
<b>Art Unit</b>	1647
<b>Examiner Name</b>	Christopher J. Nichols
<b>Attorney Docket Number</b>	NJW-1 (126)

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	n1	XU, RONG et all, M3/M1-selective antimuscarinic tropinyl and piperidinyl esters, Eur. J. of Pharm. Sci. 8(1999) 39-47	
	n2	SHIOZAKI, Kazumasa, Distribution of m1 muscarinic acetylcholine receptors in the hippocampus of patients with Alzheimer's disease..., J. Neuro. Sci. 193 (2001) 23-28	
	n3	MOREIRA, KARIN M., Deficits in avoidance responding after paradoxical sleep depriviation are not..., Brain Research 977 (2003) 31-37	
	n4	ELIZABETH, Jian Wei, M1-m5 Muscarinic Receptor Distribution in Rat CNS, J. of Neurochemistry 63 (1994) 815-821	
	n5	RODRIGUEZ-PUERTAS, RAFAEL, Autoradiographic Distribution of M1, M2, M3, and M4..., Synapse 26 (1997) 341-350	
	n6	FORNARI, Raquel V. Fornari, Effects of the selective M1 Muscarinic Receptor..., Learning & Memory, 7 (2000) 287-292	
	n7	BYMASTER, FRANK P., Muscarinic mechanisms of antipsychotic atypicality, Progress in Neuropsych. & Biological Psychiatry, 27 (2003) 1125-1143	
	n8	GHELARDINI, CARLA, S-(--)-ET 126: A potent and selective M1 Antagonist..." Life Sciences, Vol. 58, No. 12, (1996) 991-1000	
	n9	LAZARENO, S., Analogs of Win 62,577..., Molecular Pharmacology, Vol 62, No. 6 (2002) 1492-1505	

Examiner Signature	Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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